

Katharine E. Ankrom

Colorado State University
Department of Biology
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EDUCATION:

Colorado State University

Doctor of Philosophy in Botany
Area of concentration: Nematology
Anticipated graduation date: August 2020
GPA: 3.9

The Ohio State University

Master of Science
Area of concentration: Agronomy/ Plant Pathology
Degree earned August 2016
GPA: 3.8

Mount Union University

Bachelor of Science in Biology
Major in Molecular Biology (Minor in Chemistry)
Degree earned December 2010
GPA: 3.5

PROFESSIONAL EXPERIENCE

Colorado State University, Fort Collins, CO

August 2016- Present

Graduate Teaching Assistant for the Biology Department

Life 102: Laboratory instructor

Graduate Teaching Assistant for the School of Global Sustainability

Foundations of sustainability: Lecture assistant

The Ohio State University, Columbus, OH

September 2015 – 2017

Graduate Teaching Assistant for Dr. Pam Sherrit (Associate Professor)

Assisted with teaching laboratory activities and prepared lab materials for Sustainable Plant Systems

August 2014 – August 2016

Graduate Research Associate

(advisors: Dr. Laura Lindsey, Assistant Professor. Dr. Terry Niblack, Professor and Chair. Nematology)

M.S. research- Involved in a statewide survey of Ohio soybean fields to determine the major factors that limit soybean yield in Ohio. Factors studied included management and cultural practices, soil properties and fertility, and diseases, weeds and other pests. Assisted with project-related publications and presentations. Main focus is work with Soybean Cyst Nematode and Identification of new Pin nematode species

EXTENSION PRESENTATIONS

2015

Ohio Soil Fertility Status and Soybean Fertility Recommendations

Ohio State Western Agricultural Research Station Field Day, South Charleston, OH

(~100 in attendance)

MEMBERSHIP IN SCIENTIFIC, PROFESSIONAL, AND HONOR SOCIETIES:

- Agronomy Society of America, 2015-2017
- Crop Science Society of America, 2015-2017
- Soil Science Society of America, 2015-2017
- Society of Nematology, 2017- Present
- Society of Soil Ecology, 2017-Present
- Gamma Beta Phi Society, 2017- Present

ABSTRACTS FROM PRESENTATIONS:

Ankrom, K. and L. Lindsey, T. Niblack, K. Harrison. 2015. Influence of soil fertility on soybean cyst nematode in Ohio. ASA-CSSA-SSSA International Meeting. Nov. 15-19, 2015. Minneapolis, MN.

Ankrom, K., L. Lindsey, T. Niblack. 2015. Potential Pathogenicity of Pin Nematode on Soybean. ASA-CSSA-SSSA International Meeting. Nov. 15-19, 2015. Minneapolis, MN.

PEER-REVIEWED PUBLICATIONS

Ankrom, K., H. Lopez, T. Niblack, L. Lindsey. (2017) First Report of a Pin Nematode (*Paratylenchus neoamblycephalus*) from Soybean in Ohio. *Plant Disease*,

Ankrom, K. E. (2016). *Identification of a new nematode species in Ohio and soil factor effects on plant nutrition of soybean* (Master's dissertation, The Ohio State University).

Ankrom, K., Smith, C. L., & Gabrail, N. Y. (2011). Incidence of radiation recall in a community cancer center. *Journal of Clinical Oncology*, 29(15_suppl), e19640-e19640.